

## WEST Search History

DATE: Thursday, June 10, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L13	l12 and (toluene or benzene or chloroform or dichloromethane)	95
<input type="checkbox"/>	L12	l11 and recrystal\$	98
<input type="checkbox"/>	L11	l10 and hydroxide	207
<input type="checkbox"/>	L10	l9 and l7	223
<input type="checkbox"/>	L9	fluorene and fluorenone	1400
<input type="checkbox"/>	L8	l6 and l7	3
<input type="checkbox"/>	L7	ammonium chloride or ammonium bromide or ammonium hydroxide or phosphonium bromide or phosphonium chloride or phosphonium hydroxide	108743
<input type="checkbox"/>	L6	l4 and l5	10
<input type="checkbox"/>	L5	2,7-dibromofluorenone	34
<input type="checkbox"/>	L4	2,7-dibromofluorene	62
<input type="checkbox"/>	L3	l1 and l2	17
<input type="checkbox"/>	L2	\$bromofluorenone	48
<input type="checkbox"/>	L1	\$bromofluorene	190

END OF SEARCH HISTORY

d his

(FILE 'HOME' ENTERED AT 20:05:43 ON 10 JUN 2004)

FILE 'REGISTRY' ENTERED AT 20:05:54 ON 10 JUN 2004

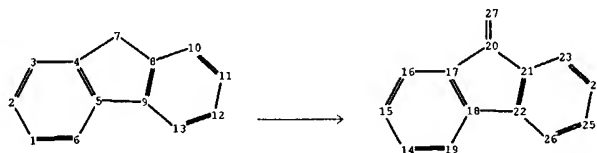
L1 1 S FLUORENE/CN  
L2 1 S FLUORENONE/CN

FILE 'CASREACT' ENTERED AT 20:06:54 ON 10 JUN 2004

L3 STRUCTURE UPLOADED  
L4 19 S L3  
L5 381 S L3 FULL

FILE 'CAPLUS' ENTERED AT 20:07:54 ON 10 JUN 2004

L6 382 S L5  
L7 27346 S ?FLUORENE OR ?DIPHENYLENEMETHANE  
L8 1951 S L7 AND (OXIDAT? OR OXIDIZ? OR OXIDIS?)  
L9 581 S L8 AND ?FLUORENONE  
L10 10 S L9 AND MOLECULAR OXYGEN  
L11 5019 S PHASE TRANSFER CATALYST  
L12 6 S L9 AND L11  
L13 115636 S ?AMMONIUM CHLORIDE OR ?AMMONIUM BROMIDE OR ?AMMONIUM HYDROXID  
L14 16 S L9 AND L13  
L15 6 S L14 AND ?HYDROXIDE  
L16 0 S L15 AND RECRYSTAL?  
L17 221 S L6 AND L7  
L18 162 S L17 AND ?FLUORENONE  
L19 9 S L18 AND L13  
L20 40 S L6 AND (BROMINE OR ?BROMO)  
L21 25 S L20 AND L7  
L22 1 S L21 AND L13  
L23 618 S ?BROMOFLUORENE  
L24 121 S ?BROMOFLUORENONE  
L25 45 S L23 AND L24  
L26 1 S L25 AND L13



chain nodes :

27

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21  
22 23 24 25 26

chain bonds :

20-27

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 8-10 9-13 10-11  
11-12 12-13 14-15 14-19 15-16 16-17 17-18 17-20 18-19 18-22  
20-21 21-22 21-23 22-26 23-24 24-25 25-26

exact/norm bonds :

20-27

exact bonds :

4-7 5-9 7-8 17-20 18-22 20-21

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-10 9-13 10-11 11-12 12-13 14-15  
14-19 15-16 16-17 17-18 18-19 21-22 21-23 22-26 23-24 24-25  
25-26

isolated ring systems :

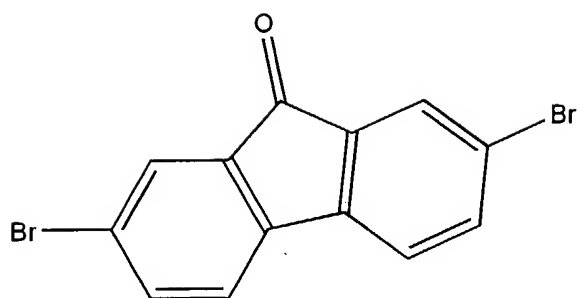
containing 1 : 14 :

Match level :

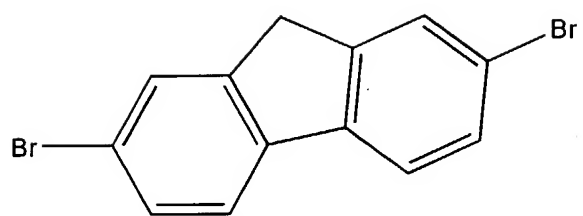
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom  
18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom  
26:Atom 27:CLASS

fragments assigned product role:

containing 14  
fragments assigned reactant/reagent role:  
containing 1



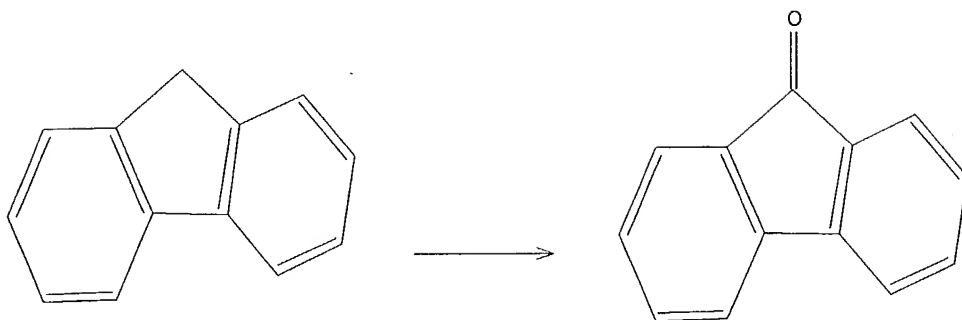
2,7-dibromo-fluorenone



2,7-dibromo-fluorene

STRUCTURE UPLOADED

=> d  
L3 HAS NO ANSWERS  
L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13  
SAMPLE SEARCH INITIATED 20:07:14 FILE 'CASREACT'  
SCREENING COMPLETE - 1671 REACTIONS TO VERIFY FROM 188 DOCUMENTS  
100.0% DONE 1671 VERIFIED 49 HIT RXNS 19 DOCS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED VERIFICATIONS: 30973 TO 35867  
PROJECTED ANSWERS: 119 TO 641

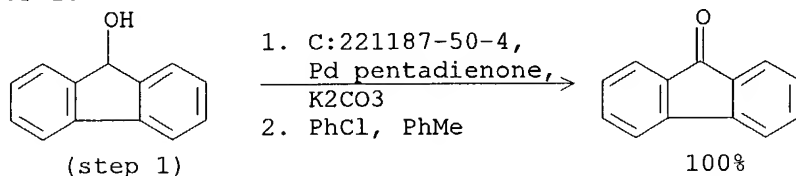
L4 19 SEA SSS SAM L3 ( 49 REACTIONS)

=> d scan

L4 19 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Selective oxidation of alcohols to aldehydes or ketones by the use of an aryl halide oxidant and a metal-ligand complex or metal/ligand composition.

RX(5) OF 13



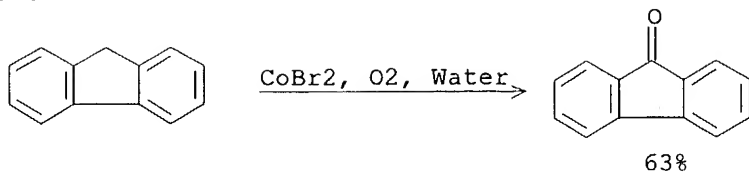
NOTE: thermal (105.degree. 12 h)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L4 19 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Organic synthesis in subcritical water. Oxidation of alkyl aromatics

RX(3) OF 6

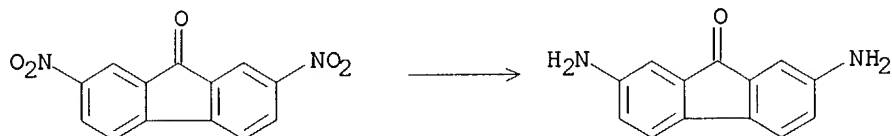


NOTE: oxidn. in subcrit. water

L4 19 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Disazo pigments for charge-generating layers in electrophotographic photoconductors

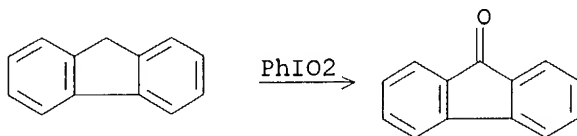
RX(1) OF 1



L4 19 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Iodoxybenzene. A remarkably close ozone equivalent

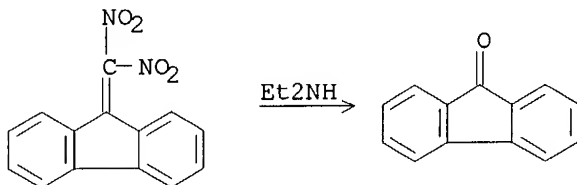
RX(4) OF 22



L4 19 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Disproportionation in a Michael addition reaction

RX(1) OF 8

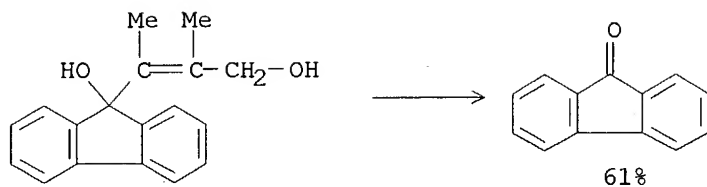


L4 19 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Zinc-induced reactions of bromo ketones. 6,7-Dihydrodibenzo- and 6,7-dihydrodithieno[a,c]cyclooctene-5,8-diones and their dehydro derivatives



RX(1) OF 16



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 13 full

FULL SEARCH INITIATED 20:07:33 FILE 'CASREACT'

SCREENING COMPLETE - 38747 REACTIONS TO VERIFY FROM 3967 DOCUMENTS

100.0% DONE 38747 VERIFIED 1311 HIT RXNS

381 DOCS

SEARCH TIME: 00.00.03

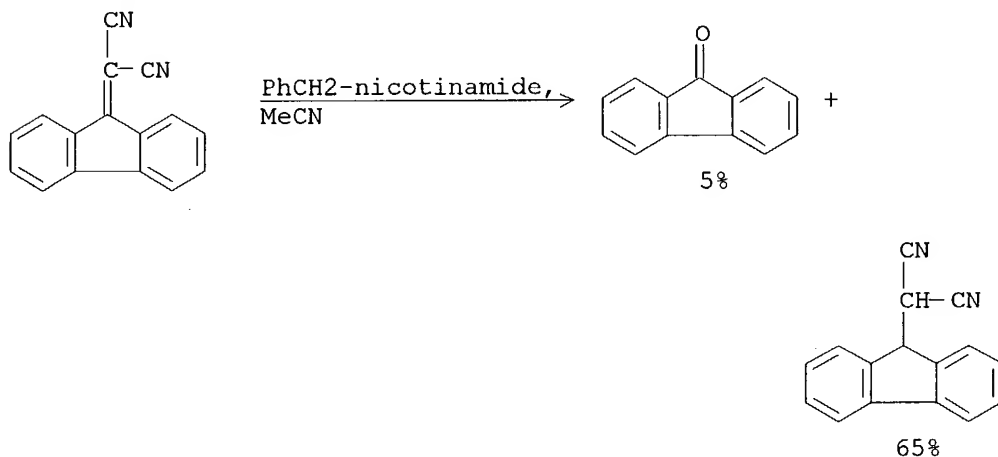
L5 381 SEA SSS FUL L3 ( 1311 REACTIONS)

=> d scan

L5 381 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Polysiloxane-Supported NAD(P)H Model 1-Benzyl-1,4-dihydronicotinamide:  
Synthesis and Application in the Reduction of Activated Olefins

RX(21) OF 32



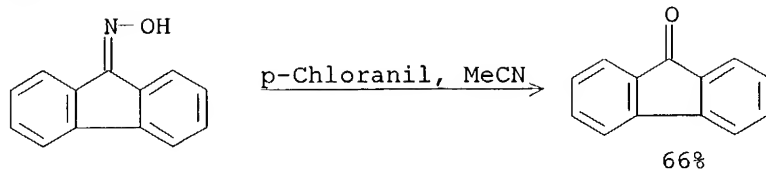
NOTE: solid supported reagent

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L5 381 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Photosensitized Regeneration of Carbonyl Compounds from Oximes

RX(10) OF 11

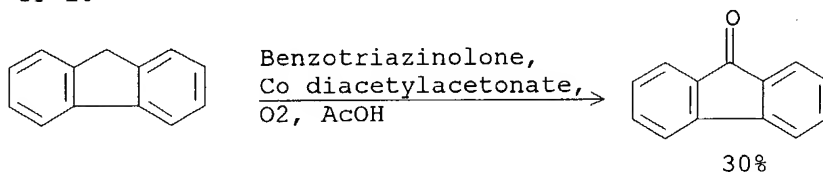


NOTE: photochem.

L5 381 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Oxygenation of organic compounds

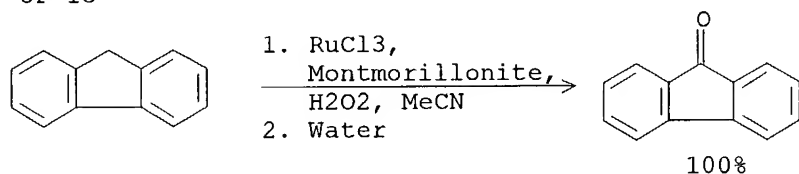
RX(7) OF 10



L5 381 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Catalytic selective oxidation of alkyl arenes to aryl tert-butyl peroxides with TBHP over Ru-exchanged montmorillonite K10

RX(11) OF 13

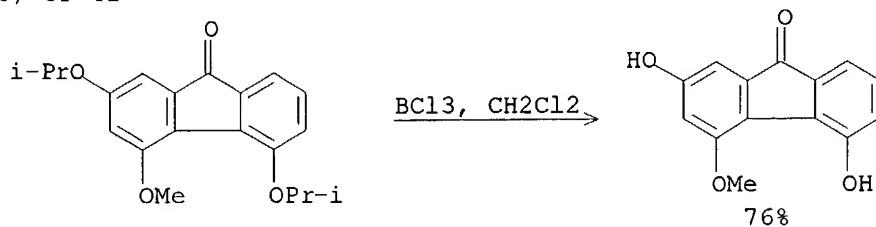


NOTE: catalyst is Ru-exchanged montmorillonite K10

L5 381 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI A Convenient Synthesis of Dengibsin

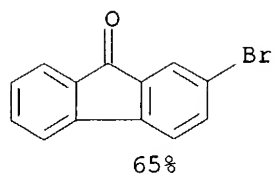
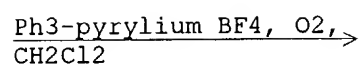
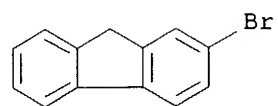
RX(8) OF 41



L5 381 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Photoinduced electron-transfer oxygenation of arylalkanes. Generation and oxygenation pathways of benzylic-type free radicals from the cation radical deprotonation

RX(2) OF 2



NOTE: photochem.